A2500-2

Paper Paperboard & Wood Pulp

MONTHLY STATISTICAL SUMMARY - Vol. 67 No. 12 DECEMBER 1989

PAPER AND PAPERBOARD PRODUCTION: NEW GROWTH

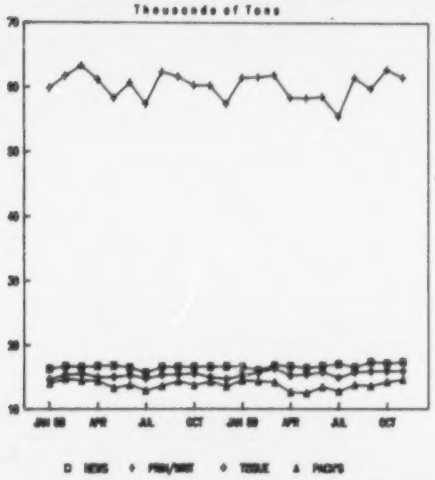
Paper and paperboard production moved up smartly during the last four months of 1989, bringing the total for the full year back to, or even a shade above, the record high 1988 total of 76.4 million tons.

The gain was centered on the paper grades, largely reflecting the completion of inventory corrections by users of printing-writing papers. The strength in the late months of 1989 brought the 1989 paper production total to a virtual tie with its 1988 high from a mid-year rate that lagged its corresponding 1988 total by more than a full percentage point.

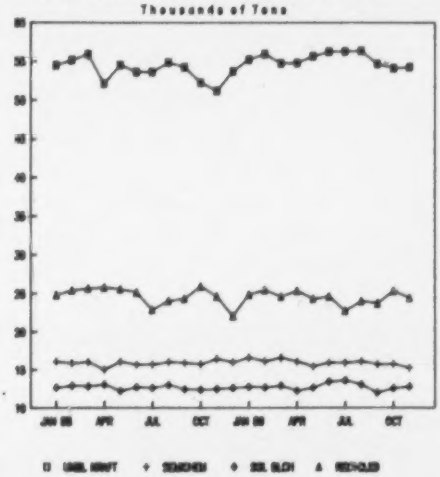
Paperboard production, which had held steady at about 1% above its record-high 1988 rate during the first three quarters of 1989, eased slightly during the last four months, but still finished the year at a new high, at perhaps 0.8% ahead of its 1988 total.

Production by Grade: Perhaps the most remarkable aspect of the performance of the paper industry in 1989 was the steadiness of the production trends of each of its major grades. This is particularly evident when the monthly production data are adjusted for the number of workdays. As the table below shows, the workday adjusted trends of these grades deviated little from their respective 1988 monthly averages.

PAPER: PRODUCTION PER WORKDAY



PAPERBOARD: PRODUCTION PER WORKDAY



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There were, of course, differences in the trends. Among the paper grades, the largest gains were in newsprint, with the January-November 1989 total 1.6% above its year-ago rate; uncoated groundwood papers up an astonishing 8.9% and tissue paper production up a solid 3.0%. The strength in demand for domestically-produced newsprint reflected some shift away from imported newsprint together with a late-year seasonal gain in total newsprint consumption. The increase in demand for domestic groundwood papers also was due, in part, to a shift away from imports. While publishers of periodicals other than magazines, which include such publications as catalogs and directories, along with book publishers did increase their use of uncoated groundwood papers, the major gain, one unusually strong, came from commercial printers. Commercial printers took 24% of total domestic shipments of these papers in the first 11 months of 1989, compared to 20% in the January-November 1988 period.

While the trend of shipments of uncoated free sheet papers and of total coated papers moved up strongly in the last half of 1989, their respective 1989 totals still came in a bit under their 1988 record highs, even though imports of both these products were down from their 1988 levels. With the exception of manufacturers of labels and wraps -- the major market for coated one-side papers -- all the major users of coated papers and uncoated free sheet papers reduced their purchases of both these grades from their year-ago levels.

Shipments of unbleached kraft papers picked up after mid-year -- the July-November monthly average was 3.2% ahead of the first half 1989 average -- but the total still lagged its year-ago rate by about 3%. The API's Kraft Paper Division has embarked on a new program to promote the demand for paper grocers sacks that already gives promise of success.

Production of the containerboard for fiber boxes also moved along a relatively flat trend during 1989, with the total for the year holding some 1% ahead of its year-ago rate. Equally encouraging was the trend of inventories at mills and box plants. The level as of the end of November was equivalent to 5.2 weeks of supply, compared to an average of 5.7 weeks in the first quarter of the year and 5.3 weeks one year earlier.

The packaging grades of boxboard showed production gains. Production of folding boxboard, for example, was 1.8% ahead of its year-ago level in the first 11 months of 1989, sparked by a 9% increase in unbleached kraft folding boxboard. Production of milk carton and food service board increased 2.5% in this period, led by a 5.3% gain in plate, dish and tray stock and a 10.3% gain in exports.

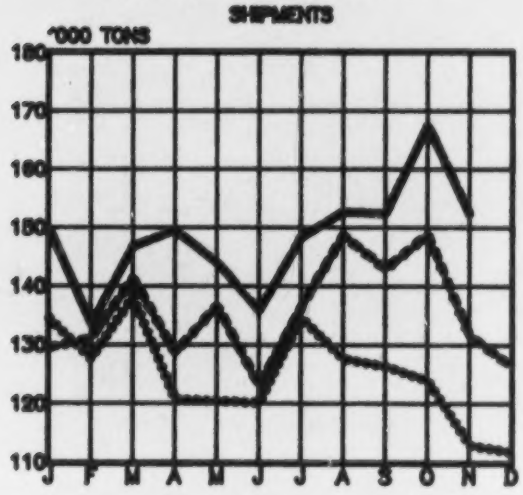
PAPER AND PAPERBOARD STATISTICS

PRODUCTION, SHIPMENTS AND ORDERS
(Thousands of Short Tons)

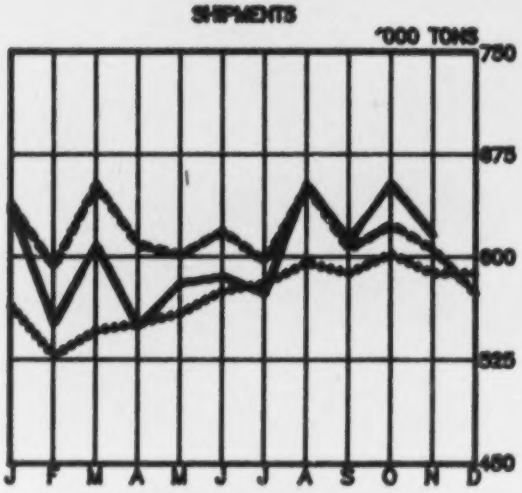
	YEAR 1987	YEAR 1988	AUGUST 1989	SEPTEMBER 1989	OCTOBER 1989 (R)	NOVEMBER 1989 (P)	Annual Rate Y-T-D 1989	% Change From same Period Last Year
PAPER								
Newsprint - Production	5,842	5,982	510	517	526	516	6,061	1.6
- Shipments	5,854	5,969	517	518	526	530	6,054	1.9
Printing & Writing Sum	20,778	21,793	1,884	1,773	1,917	1,825	21,619	-1.1
Groundwood Paper - Shipments	1,498	1,624	153	152	167	152	1,778	8.9
- New Orders	1,542	1,654	168	177	152	129	1,783	10.7
-Unfilled Orders	166	208	217	238	212	190	190	26.6
Coated Papers - Shipments	6,860	7,359	652	611	653	615	7,209	-2.6
- New Orders	7,066	7,412	659	633	667	552	7,285	-2.4
- Unfilled Orders	708	751	850	877	861	827	827	11.0
Unctd Free Sheet - Shipments	10,966	11,277	952	885	968	942	11,118	-1.5
- New Orders	11,173	11,298	1,017	950	995	980	11,162	-0.7
- Unfilled Orders	772	790	635	701	696	785	785	10.9
Thin Papers - Shipments	240	217	16	16	15	16	194	-11.0
Cotton Fiber Paper - Shipments	163	167	12	13	14	12	158	-4.6
Bleached Bristols - Production	1,052	1,150	100	95	100	89	1,163	1.3
Tissue Paper - Production	5,301	5,476	484	473	489	474	5,647	3.0
Total Packaging & Other Paper	4,955	5,047	425	406	438	435	4,943	-2.2
Unbl. Kraft Paper - Shipments RS	2,840	2,800	227	210	239	241	2,690	-3.7
Other Paper - Production RS	2,115	2,247	198	195	199	195	2,253	-0.2
TOTAL PAPER-Production-Unadj.	36,876	38,298	3,303	3,168	3,369	3,250	38,270	-0.2
-Production-S.A.			3,174	3,152	3,288	3,304	38,227	-0.2
PAPERBOARD - PRODUCTION								
Solid Wood Pulp Furnish	28,859	29,316	2,585	2,408	2,477	2,406	29,774	1.7
Total Unbl. Kraft Paperboard	18,898	19,140	1,701	1,596	1,624	1,585	19,567	2.4
Unbl. Kraft Linerboard (1)	17,683	17,897	1,572	1,495	1,517	1,492	18,257	2.2
Production for Export	2,303	2,296	182	174	202	200	2,358	3.6
Other Unbl. Kraft Paperboard	1,215	1,244	129	101	107	93	1,310	5.6
Semichemical Paperboard	5,536	5,664	488	461	475	447	5,669	0.3
Production for Export	193	136	10	8	14	9	135	-1.9
Solid Bleached Paperboard	4,406	4,511	396	351	378	374	4,538	0.7
Production for Export	619	628	59	51	65	61	675	7.9
Recycled Paperboard	8,601	8,789	727	694	761	715	8,682	-2.0
Production for Export	75	72	3	1	3	4	34	-54.4
TOTAL PAPERBOARD-Prod.-Unadj.	37,442	38,105	3,312	3,102	3,238	3,121	38,456	0.9
- Containerboard Prod.(Dom. Use)	23,025	23,563	2,075	1,966	1,975	1,930	23,819	1.1
- Boxboard Prod.(Dom. Use)	6,969	7,066	625	560	588	569	7,121	0.8
- All Other P'bd Prod.(D.U.)	4,262	4,344	359	342	390	347	4,314	-1.9
- Total Paperbd Prod. for Export	3,190	3,132	254	235	284	274	3,202	2.8
TOTAL PAPERBOARD PROD.- S.A.			3,185	3,133	3,198	3,202	38,476	0.9
TOTAL PAPER AND PAPERBOARD Production - Unadj.	74,318	76,403	6,615	6,270	6,607	6,370	76,725	0.3
Production - S.A.			6,358	6,284	6,486	6,505	76,702	0.3

(1)Includes all exports of kraft paperboard. R - Revised P - Preliminary S.A. - Seasonally Adjusted
RS - Revised Series

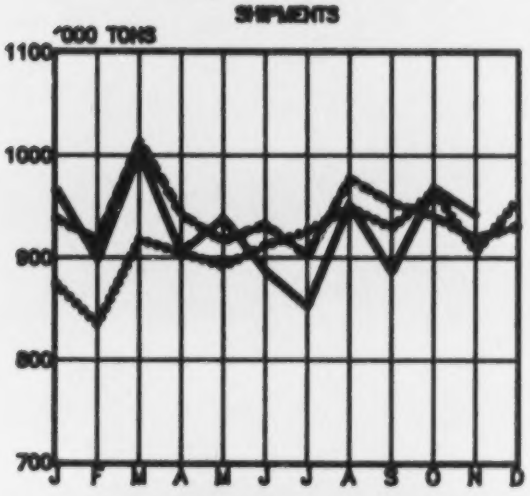
GROUNDWOOD PAPER, UNCOATED
SHIPMENTS



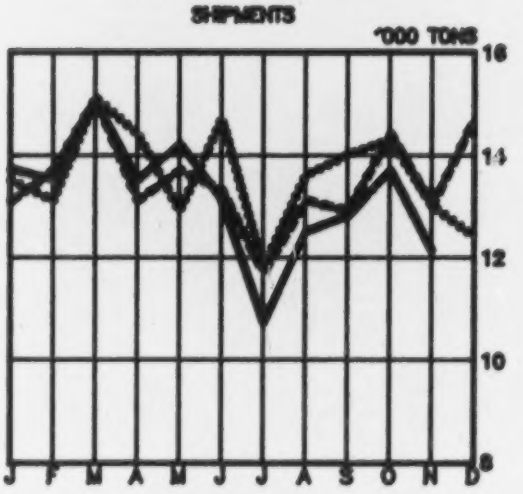
COATED PAPER
SHIPMENTS



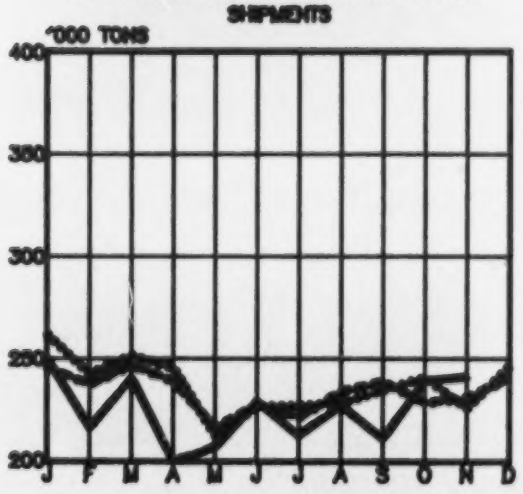
UNCOATED FREE SHEET PAPERS
SHIPMENTS



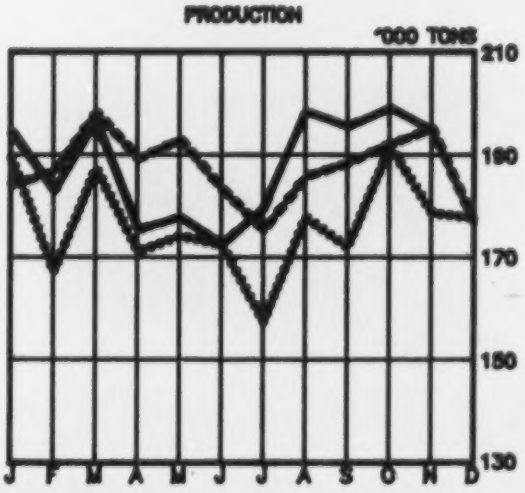
COTTON FIBER PAPER
SHIPMENTS



UNBLEACHED KRAFT PACKAGING
AND INDUSTRIAL CONVERTING PAPER
SHIPMENTS



OTHER PAPER
PRODUCTION



1987 ••••••• 1988 - - - - - - 1989 ———

WOOD PULP STATISTICS
(Thousands of Tons)

	YEAR 1987	YEAR 1988	JULY 1989	AUGUST 1989	SEPTEMBER 1989	OCTOBER 1989	Annual Rate Y-T-D 1989	% Change from same Period Last Year
TOTAL WOOD PULP					R	P		
Total Wood Pulp - Production	59,552	61,161	5,399	5,301	5,063	5,295	62,440	2.2
- Imports	4,850	5,038 A	358	471	428	442	5,063	0.5
- Exports	4,889	5,528	540	534	548	502	6,360	16.8
- New Supply	59,513	60,671	5,217	5,238	4,944	5,234	61,143	0.8
Dissolving Pulp - Production	1,312	1,367	144	108	128	109	1,413	4.3
- Imports	198	248	13	28	27	34	303	31.2
- Exports	752	865	62	81	61	67	831	-1.4
- New Supply	757	751	95	55	95	76	884	19.3
Paper Grades - Production	48,293	49,493	4,377	4,322	4,069	4,277	50,628	2.4
Chemical Pulp - Imports	4,456	4,419 A	328	400	365	378	4,427	0.0
- Exports	4,111	4,612	472	441	484	432	5,454	19.8
- New Supply	48,637	49,300	4,233	4,281	3,951	4,223	49,600	0.6
Groundwood and - Production	5,702	5,943	510	511	505	530	6,005	0.7
Thermo-Mech. - Imports	197	371 A	17	43	36	30	334	-12.6
- Exports	26	51	6	11	3	3	75	59.8
- New Supply	5,872	6,263	521	543	538	556	6,264	-0.5
Semi-Chemical - Production	4,246	4,358	368	359	361	379	4,395	1.0
- Imports								
- Exports								
- New Supply	4,246	4,358	368	359	361	379	4,395	1.0
MARKET WOOD PULP								
Total Market - Production	8,114	8,565	761	757	712	682	8,790	3.3
Wood Pulp - Imports	3,235	3,471	284	261	292	290	3,369	-2.7
- Exports	4,820	5,071	446	487	439	396	5,389	7.5
- New Supply	6,529	6,966	599	531	565	576	6,770	-2.8
Dissolving Pulp - Production	1,308	1,365	144	108	127	109	1,407	4.1
- Imports	154	206	7	23	21	24	222	12.0
- Exports	775	798	51	75	76	63	816	5.0
- New Supply	687	774	99	56	73	70	813	5.1
Paper Grades - Production	6,806	7,200	617	649	585	573	7,383	3.1
Chemical Pulp - Imports	2,975	3,126	276	236	265	264	3,093	-0.3
- Exports	4,045	4,273	395	412	363	333	4,572	8.0
- New Supply	5,736	6,052	498	472	487	504	5,904	-2.1
Groundwood Pulp - Production	0	0	0	0	0	0	0	0.0
and All Other - Imports RS	106	139	2	3	5	2	53	-66.8
- Exports	0	0	0	0	0	0	0	0.0
- New Supply	106	139	2	3	5	2	53	-66.8

SOURCES: Total Wood Pulp Production & Market Wood Pulp Production, Imports & Exports - Pulp Division, Pulp, Materials and Technology Group, API. Total Wood Pulp Imports & Exports - Department of Commerce.
NOTE: A - API shifted Import data from January 1989 to December 1988 to compensate for misallocation of reported data.

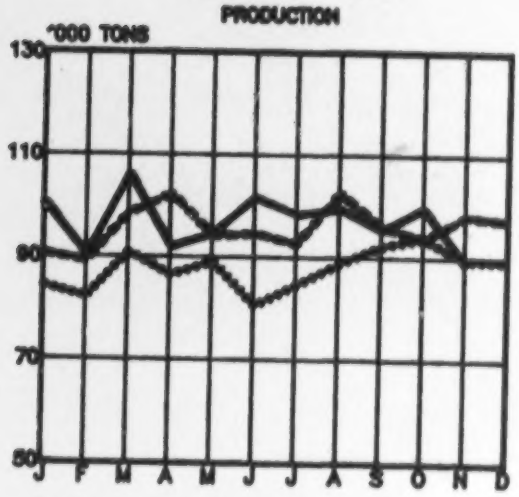
FIBROUS RAW MATERIALS
(Thousands of tons)

	YEAR 1987	YEAR 1988	JULY 1989	AUGUST 1989	SEPTEMBER 1989	OCTOBER 1989	Annual Rate Y-T-D 1989	% Change from same Period Last Year
CONSUMPTION AT PAPER & PAPERBOARD MILLS					R	P		
Total	77,468	79,707	6,783	6,891	6,589	6,989	80,789	1.3
Total Wood Pulp	59,474	60,847	5,207	5,239	4,997	5,311	61,635	1.3
Waste Paper	17,993	18,860	1,576	1,652	1,592	1,678	19,154	1.3
INVENTORIES								
Chemical Paper Grade Market Pulp								
Producers' Own-Use Inventories	170	172	191	193	205	187	187	16.3
Producers' Market Inventories	224	261	320	353	364	382	382	38.4
Consumers' Purchased Inventories §	529	622	573	591	590	551	551	-5.5
Waste Paper at Paper & Bd. Mills	902	1,029	1,007	1,053	1,036	1,034	1,034	6.8
Days of Supply at Pulp Mills of Chemical Paper Grade Mkt Pulp	12	14	16	17	19	20	20	33.3

SOURCES: Wood Pulp Data, Pulp Division, Pulp, Materials and Technology Group, API. Waste Paper Data, Paper Recycling Committee, API. § Includes all grades of wood pulp.
P - Preliminary; R - Revised; (0) - Indicates zero to five-hundred short tons RS - 1988 Revised Series

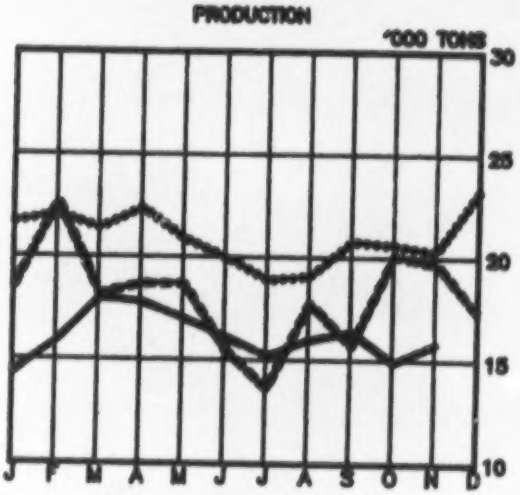
BLEACHED BRISTOLS

PRODUCTION



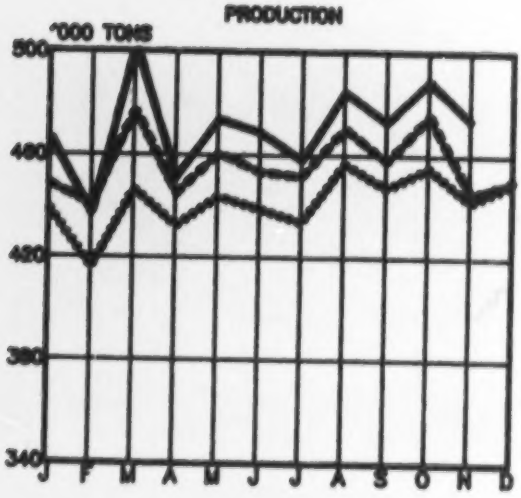
THIN PAPER

PRODUCTION



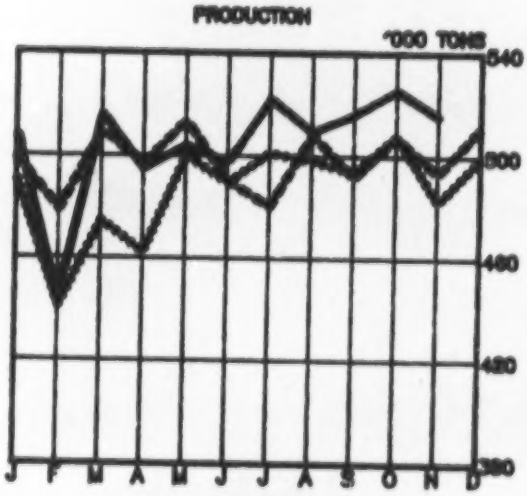
TISSUE PAPER

PRODUCTION



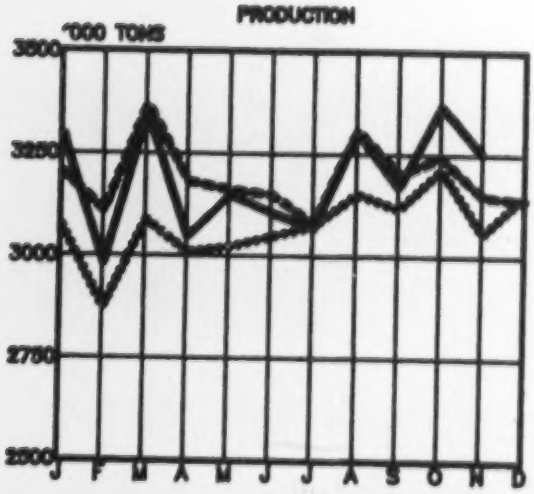
NEWSPRINT

PRODUCTION



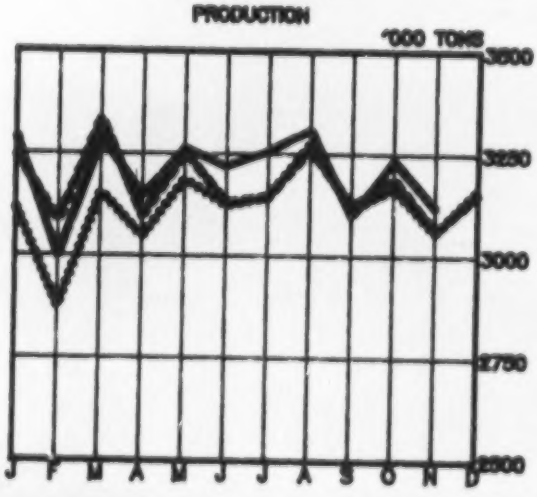
TOTAL PAPER

PRODUCTION



TOTAL PAPERBOARD

PRODUCTION



1987 ••••••• 1988 ------1989 ———

F I B R O U S R A W M A T E R I A L S
(Thousands of Standard (128 cubic foot) Cords)

		YEAR 1987	YEAR 1988	JULY 1989	AUGUST 1989	SEPTEMBER 1989	OCTOBER 1989	Annual Rate Y-T-D 1989	% Change From Same Period Last Year
PULPWOOD									
Total U.S.	- Total Receipts	94,312	95,537	8,476	8,946	8,491	8,876	99,880	5.0
	- Total Consumpt	93,946	95,497	8,548	8,498	8,167	8,331	98,890	3.8
	- Residues *	32,899	33,186	2,989	2,983	2,845	3,125	34,710	4.8
	- Inventories	5,096	4,888	4,191	4,415	4,891	5,405	5,405	14.4
So. Atlantic	- Total Receipts	31,147	31,582	2,719	2,778	2,804	2,801	32,279	3.1
	- Total Consumpt	30,915	31,567	2,814	2,684	2,782	2,737	32,550	3.4
	- Residues *	9,553	9,897	884	849	821	887	10,002	1.9
	- Inventories	1,211	1,200	811	889	956	956	956	-15.7
Northeast	- Total Receipts	6,941	7,187	590	628	585	687	7,306	2.8
	- Total Consumpt	7,109	7,216	579	598	583	603	7,165	-0.9
	- Residues *	1,543	1,664	97	146	126	132	1,619	-0.7
	- Inventories	594	572	444	453	444	499	499	-1.6
South Central	- Total Receipts	33,650	33,751	2,913	3,355	3,119	3,286	35,946	7.3
	- Total Consumpt	33,059	33,646	3,050	3,212	3,020	3,006	35,798	7.1
	- Residues *	9,992	9,090	823	936	884	988	10,499	6.5
	- Inventories	1,294	1,160	739	958	1,055	1,398	1,398	21.9
North Central	- Total Receipts	6,552	6,865	582	640	602	624	7,045	1.5
	- Total Consumpt	6,764	6,929	565	594	531	592	6,960	0.0
	- Residues *	1,263	1,334	96	106	116	132	1,390	1.8
	- Inventories	830	839	779	829	899	945	945	10.9
West	- Total Receipts	16,022	16,152	1,672	1,545	1,381	1,478	17,304	6.4
	- Total Consumpt	16,099	16,139	1,540	1,410	1,251	1,393	16,416	1.2
	- Residues *	10,548	10,401	1,089	946	898	986	11,201	7.1
	- Inventories	1,167	1,117	1,418	1,286	1,537	1,607	1,607	48.0

* - Consumption of Residues in Cord Equivalents. SOURCE: American Pulpwood Association

U N I T E D S T A T E S T R A D E W I T H C A N A D A

IMPORTS FROM CANADA *

		YEAR Tons	1988 ($000's)	SEPTEMBER 1989 Tons	SEPTEMBER 1989 ($000)	OCTOBER 1989 Tons	OCTOBER 1989 ($000)	Annual Rate Y-T-D 1989 Tons	% Change From same Period Last Year
Pulpwood, Roundwood (in cords of 128 cubic feet)		39,337	4,195	48,389	850	10,147	160	163,582	269.7
Pulpwood chips		876,038	35,184	69,292	2,356	50,328	1,793	835,613	-1.9
Wood Pulp, Total	A	4,340,245	2,282,329	359,576	214,348	386,880	232,756	4,398,171	1.6
Waste Fibrous Materials, Total		227,004	48,450	13,368	2,450	12,267	2,407	168,480	-29.4
Paper, Board & Products, Total	A	10,521,785	5,734,562	897,599	493,893	982,626	546,197	10,998,829	2.3
Paper, Paperboard,Wet Machine Bd. & Constr. Paper & Bd.	A	10,390,709	5,493,176	882,456	466,904	969,083	517,649	10,822,590	2.0
Paper, Paperboard & Products	A	10,307,877	5,668,763	885,652	490,883	968,695	542,796	10,836,616	3.0
Paper & Paperboard, Only	A	10,176,801	5,427,377	870,510	463,895	955,152	514,248	10,660,378	2.6
Paper, Total	A	9,911,685	5,330,887	838,225	451,481	917,648	500,258	10,237,927	1.1
Newsprint	A	8,284,709	4,320,023	651,514	330,110	716,904	368,286	8,058,099	N.C.
Printing, Writing & Rel. Pap.	RSA	1,346,435	842,397	160,443	102,423	170,835	110,836	1,863,427	38.7
Pack. & Ind. Conv. Paper		227,493	120,765	17,625	9,903	19,604	10,555	213,833	-9.7
Special Industrial Paper		4,767	9,106	4,366	5,219	5,485	6,339	46,886	949.9
Tissue Paper		48,281	38,596	4,278	3,824	4,821	4,242	55,682	11.2
Paperboard, Total		265,116	96,490	32,284	12,414	37,504	13,990	422,451	58.4
Convtd Paper&Paperbd Psoducts	RS	131,076	241,387	15,142	26,988	13,543	28,548	176,239	34.0
Wet Machine Board		2,939	2,120	4	3	3	4	250	-92.0
Construction Paper & Board		210,970	63,679	11,942	3,007	13,928	3,397	161,963	-25.6

NOTE: A = API shifted Import data from January 1989 to December 1988 to compensate for misallocation of reported data.

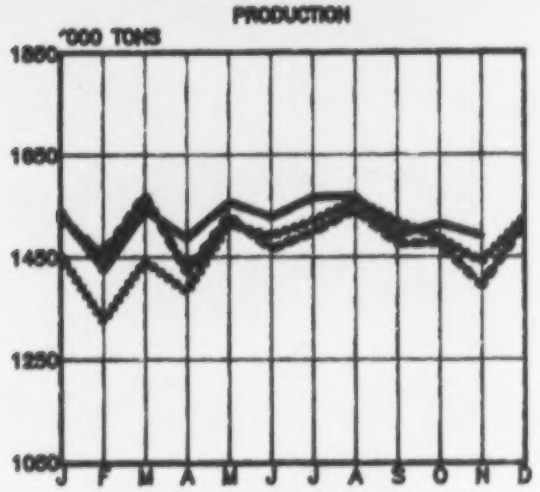
EXPORTS TO CANADA *

Pulpwood, Roundwood (in cords of 128 cubic feet)		14,180	836	22,582	280	2,226	28	74,275	337.6
Pulpwood chips		33,040	1,739	2,476	113	1,775	48	31,901	-15.2
Wood Pulp, Total		280,074	101,214	40,860	18,173	35,462	14,100	364,508	34.3
Cotton Pulp & Other Pulp		84,891	24,062	414	349	612	398	6,221	-92.2
Waste Paper		331,999	38,199	20,646	3,242	22,062	3,446	299,294	-11.0
Paper, Board & Products, Total		1,050,117	715,960	101,250	68,667	117,391	77,527	1,092,441	1.1
Paper, Paperboard,Wet Machine Bd. & Constr. Paper & Bd.		773,573	464,416	68,165	41,587	85,276	51,610	762,992	-4.8
Paper, Paperboard & Products		1,013,157	699,127	98,573	67,813	115,144	76,748	1,070,540	2.6
Paper & Paperboard, Only		737,013	447,583	65,488	42,733	83,029	50,831	741,092	-3.2
Paper, Total		340,156	293,175	32,920	29,528	37,224	33,509	370,403	6.5
Newsprint		5,806	5,304	710	413	654	324	8,810	48.4
Printing, Writing & Rel. Pap.		166,667	160,007	20,593	20,928	22,733	22,730	228,506	33.5
Pack. & Ind. Conv. Paper		41,718	29,572	6,256	2,445	7,726	3,362	61,095	53.4
Special Industrial Paper		118,806	90,276	4,595	4,918	5,520	6,396	64,728	-47.8
Tissue Paper		7,160	8,016	766	824	591	696	7,265	3.4
Paperboard, Total		396,857	154,408	32,568	13,205	45,805	17,323	370,689	-11.2
Convtd Paper&Paperbd Products		276,145	251,544	33,085	25,080	32,115	25,916	329,448	18.3
Wet Machine Board		6,527	2,590	80	30	55	41	1,909	-71.1
Construction Paper & Board		30,433	14,243	2,597	824	2,193	738	19,991	-33.2

SOURCE: Bureau of Census, Department of Commerce . E - Estimate of tonnage based on square foot data RS - Revised Series
* 1989 Import/Export codes revised to Harmonized System. Detail may not always be comparable to 1988. NC - Not Comparable

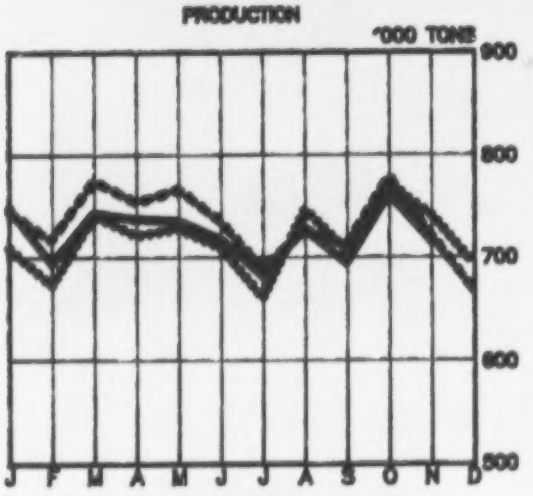
UNBLEACHED KRAFT LINERBOARD

PRODUCTION



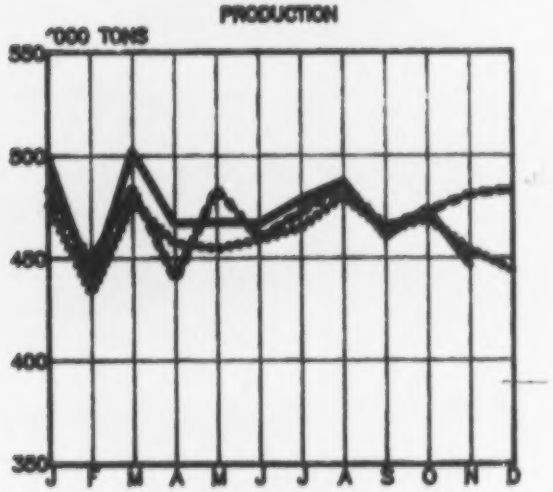
RECYCLED PAPERBOARD

PRODUCTION



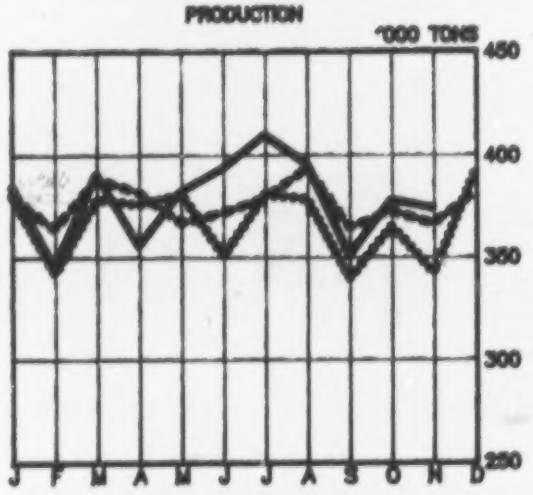
SEMICHEMICAL PAPERBOARD

PRODUCTION



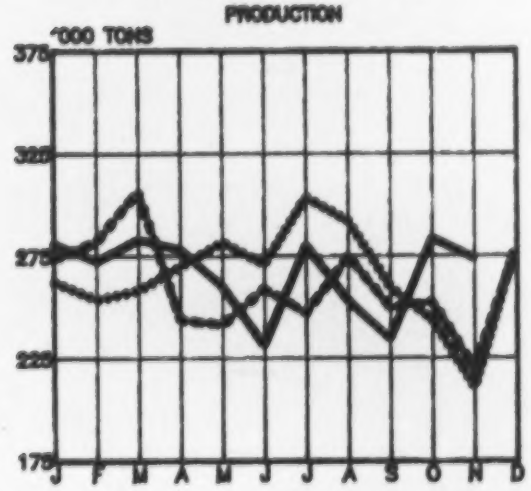
SOLID BLEACHED PAPERBOARD

PRODUCTION



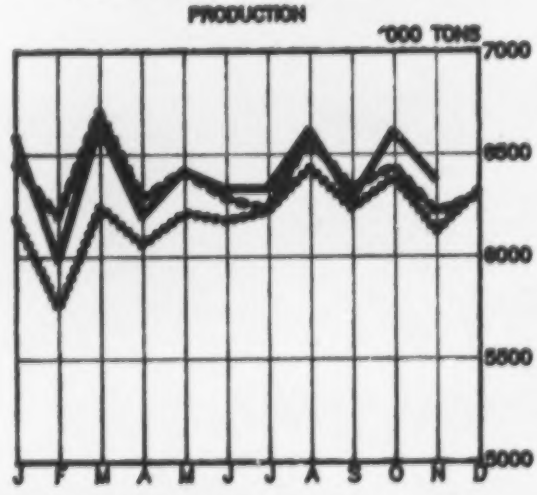
PAPERBOARD FOR EXPORT

PRODUCTION



TOTAL PAPER AND PAPERBOARD

PRODUCTION



1987 ••••••• 1988 ——— 1989 ———

I M P O R T S *

		YEAR 1988 Tons	YEAR 1988 $000	1989 SEPTEMBER Tons	1989 SEPTEMBER $000	1989 OCTOBER Tons	1989 OCTOBER $000	(1) Annual Rate YTD 1989 Tons	% Change from same Period Last Year
Pulpwood Roundwood (cords)		39,515	4,200	48,389	850	10,147	160	163,582	267.9
Pulpwood Chips		888,636	35,553	69,344	2,381	50,451	1,823	851,371	-1.6
Total All Imports	A	18,402,259	10,725,164	1,516,455	934,514	1,637,312	1,032,608	18,418,899	-0.3
Wood Pulp Total	A	5,038,158	2,663,424	428,471	258,616	441,568	267,877	5,062,826	0.5
Waste Paper		161,367	27,361	13,149	2,472	12,097	2,395	178,717	6.7
Other Fibrous Materials		92,505	32,331	467	188	495	227	12,417	-86.9
Paper Board & Products Total	A	13,110,229	8,002,047	1,074,367	673,239	1,183,152	762,109	13,164,939	-0.1
Paper Paperboard Wet Machine Bd. & Construction Paper & Board	A	12,727,246	7,038,168	1,035,627	585,891	1,141,599	664,109	12,629,506	-1.3
Paper Ppbd & Prds ex Cnst&WMB	A	12,787,784	7,893,637	1,060,926	669,537	1,167,773	758,161	12,965,510	0.9
Paper & Paperboard Only	A	12,404,801	6,929,757	1,022,187	582,189	1,128,220	660,161	12,430,077	-0.3
Paper Total	A	12,063,790	6,799,044	981,874	561,988	1,081,273	636,711	11,883,682	-2.0
Newsprint	A	8,801,503	4,569,853	681,142	341,404	735,028	375,788	8,268,849	N.C.
Printing & Writing	A	2,859,530	1,948,906	256,588	176,763	296,696	210,738	3,098,705	6.9
Uncoated Groundwood		1,362,642	792,881	151,276	90,641	152,934	93,562	1,627,611	N.C.
Coated Print.& Impreg. Pap.	A	797,765	641,466	55,941	46,044	87,679	70,428	777,358	-3.0
Uncoated Free Sheet	A	591,830	414,326	40,898	31,004	45,347	35,091	570,812	0.7
Uncoated Book	A	258,146	175,746	N.L.R.	N.L.R.	N.L.R.	N.L.R.	N.L.R.	N.L.R.
Writing and Similar Paper	A	333,683	238,580	40,898	31,004	45,347	35,091	570,812	80.1
Thin (except Cigarette)		55,774	48,804	3,177	3,094	5,457	5,366	63,994	8.0
Bristols	RS	51,519	51,430	5,297	5,980	5,279	6,291	58,930	24.7
Total Pkg & Other Paper		343,196	231,796	33,781	34,284	38,842	40,293	396,805	13.5
Unbleached Kraft Paper		161,708	76,116	19,532	9,816	22,410	10,647	234,706	39.4
Other Pkg. & Indust. Paper		181,488	155,680	14,249	24,468	16,432	29,646	162,099	-10.6
Tissue		59,561	48,488	10,364	9,537	10,707	9,892	119,323	88.1
Paperboard, Total		341,011	130,714	40,313	20,202	46,947	23,450	546,395	59.6
Test or Containerboard		85,682	36,145	5,609	2,466	7,493	3,179	85,554	2.8
Semi-Chemical Corrugating		142,490	43,596	8,478	2,462	8,478	2,456	123,300	-16.6
Other Paperboard		112,839	50,972	26,226	15,274	30,977	17,815	337,541	203.4
Convtd Paper&Paperbd Products		382,983	963,880	38,740	87,347	39,553	96,000	535,433	38.7
Paper Products, Total	RS	345,817	895,813	31,511	73,034	31,946	83,818	439,993	26.1
Paperboard Products, Total		37,166	68,067	7,229	14,314	7,608	14,182	95,440	157.3
Wet machine Board		4,239	3,780	52	35	26	31	556	-87.2
Construction Paper & Board		318,206	104,630	13,389	3,667	15,352	3,917	198,873	-38.1
Notes									
Other: No Weight Avail. ($000)			177,686		12,925		14,825	141,163	-22.2
Total Imports Incl. Other($000)			10,902,850		947,439		1,047,434	11,573,271	6.4

NOTE: A - API shifted Import data from January 1989 to December 1988 to compensate for misallocation of reported data.
RS - 1988 data revised to conform with 1989 codes.

E X P O R T S *

								(1)	
Pulpwood, Roundwood (cords)		15,470	894	26,505	329	5,342	359	154,254	732.8
Pulpwood Chips		3,503,100	286,191	389,974	38,817	347,582	33,153	4,444,114	30.2
Total All Exports		17,061,208	7,467,363	1,555,194	742,397	1,523,631	718,478	18,903,136	12.1
Wood Pulp,Total		5,528,292	2,914,521	547,847	318,213	501,763	280,040	6,359,922	16.8
Cotton Pulp and Other Pulp		201,567	111,923	10,496	9,022	11,032	9,831	120,779	-38.8
Waste and Old Paper		5,640,118	688,258	468,618	55,550	452,631	58,178	6,052,531	9.4
Paper, Board & Products,Total		5,691,231	3,752,661	528,234	359,611	558,206	370,430	6,369,904	12.0
Paper,Paperboard,Wet Machine Bd. & Construction Paper & Board		4,876,563	2,701,405	440,701	250,314	469,536	258,324	5,320,003	9.1
Paper, Ppbd & Prod ex Cnst&WMB		5,559,356	3,683,601	524,928	358,494	554,491	368,949	6,332,609	14.0
Paper & Paperboard, Only		4,744,688	2,632,346	437,395	249,197	465,821	256,843	5,282,709	11.5
Paper, Total		1,102,490	988,031	136,853	105,816	121,773	102,462	1,506,392	39.8
Newsprint		427,296	295,474	62,899	33,580	47,229	25,834	652,823	62.4
Printing & Writing		287,208	313,047	42,661	40,983	44,418	44,302	485,696	N.C.
Uncoated Groundwood		70,286	58,639	7,199	5,277	6,949	5,302	90,977	40.7
Clay Coated Paper		97,464	79,731	15,721	11,807	14,679	12,754	167,032	67.6
Uncoated Free Sheet		82,660	124,049	10,465	13,587	10,919	14,071	99,870	19.8
Other Printing & Writing		36,799	50,629	9,276	10,312	11,872	12,173	127,818	N.C.
Total Pkg. & Other Paper		346,718	342,117	29,262	28,736	28,507	30,001	345,754	-0.5
Unbleached Kraft		110,075	54,975	14,585	7,198	10,008	4,961	124,975	17.7
Other Pkg. & Indust. Paper		236,643	287,142	14,677	21,539	18,500	25,041	220,779	-8.6
Tissue		41,268	37,393	2,030	2,516	1,619	2,325	22,119	-51.1
Paperboard, Total		3,642,198	1,644,314	300,542	143,381	344,048	154,382	3,776,317	8.1
Solid Wood Pulp		3,359,078	1,511,057	281,086	134,817	326,098	145,931	3,583,827	6.1
Total Linerboard		2,281,362	887,846	184,018	68,705	226,317	84,035	2,511,914	10.4
Bleached Kraft Linerboard		140,801	73,728	17,312	8,580	27,540	12,425	276,981	112.9
Unbleached Kraft Linerbd		2,140,562	814,119	166,706	60,125	198,777	71,610	2,234,933	4.2
Other Unbleached Kraft		292,437	102,638	20,781	8,864	27,375	12,595	250,245	-22.6
Other Bleached Kraft		742,918	502,513	71,600	55,236	69,787	48,307	790,585	7.3
Semi-Chemical Corrugating		42,360	18,060	4,687	2,012	2,618	994	31,083	-24.4
Recycled Paperboard		283,121	133,257	19,456	8,564	17,950	8,451	192,489	-32.6
Convtd Paper&Paperbd Products		814,668	1,051,256	87,533	109,297	88,670	112,106	1,049,901	28.8
Paper Products, Total		367,548	682,281	42,751	73,468	37,055	73,571	477,149	30.6
Paperboard Products, Total		447,121	368,975	44,783	35,829	51,615	38,535	572,752	27.2
Wet Machine Board		11,691	4,915	373	151	125	79	3,236	-72.9
Construction Paper & Board E		120,184	64,145	2,933	966	3,590	1,401	34,059	-72.3
Notes									
Other: No Weight Avail. ($000)			9,170		2,326		2,061	23,678	161.8
Total Exports Incl. Other($000)			7,476,533		744,722		720,539	8,767,730	18.4

SOURCE: Bureau of Census, U.S. Department of Commerce. E - Incl. estim. of tonnage based on square foot data.
(1) Annual Rate Year-To-Date is in tons unless otherwise specified in item description. N.L.R. - No longer reported.
* 1989 Import/Export data based on Harmonized System codes. Detail may not always be comparable to 1988. N.C. - Not Comparable

PRODUCER PRICE INDEXES
1982 = 100

	1987	1988	AUGUST 1989	SEPTEMBER 1989	OCTOBER 1989	NOVEMBER 1989	Annual Rate Y-T-D 1989	% Change from same Period Last Year
Pulp, Paper and Products except Building Grades	114.3	124.8	132.9	132.9	133.6	133.6	132.4	6.4
Pulp Paper & Products, ex. Building Grades & ex Waste Paper *	113.2	123.8	132.5	132.4	133.2	133.3	131.9	6.9
Total Wood Pulp	111.5	136.7	159.5	159.5	160.8	160.6	157.2	15.7
Total Paper	111.5	123.2	129.6	129.1	128.6	128.2	129.8	5.7
Total Paper, exc. Newsprint	110.6	123.4	130.1	129.9	129.3	128.8	130.7	6.4
Newsprint	112.3	127.6	122.6	120.1	118.8	118.6	122.9	-3.8
Total Paperboard	118.1	133.2	140.3	140.3	140.0	139.7	140.2	5.5
Total Paper and Paperboard *	113.6	126.4	133.0	132.6	132.2	131.8	133.0	5.6
Converted Products	114.7	123.0	132.2	132.4	134.0	134.5	131.4	7.2
Waste Paper	181.4	183.6	157.3	160.1	158.3	152.5	157.6	-15.2
All Commodities	102.8	106.9	112.0	112.3	112.7	112.7	112.2	5.1
Industrial Commodities	102.6	106.3	111.4	111.9	112.4	112.2	111.5	5.1

SOURCE: Producer Price Indexes: Bureau of Labor Statistics, U.S. Department of Labor * Computed by API

ANNUAL GROWTH OF PAPER & PAPERBOARD CAPACITY

(000's Short Tons)

	Capacity	Annual Growth (%)
1980	66,368	2.7
1981	68,172	2.7
1982	70,086	2.8
1983	71,126	1.5
1984	73,098	2.8
1985	74,301	1.6
1986	75,777	2.0
1987	78,186	3.2
1988	80,533	3.0
1989 (E)	82,444	2.4
1990 (P)	85,001	3.1
1991 (P)	88,182	3.7
1992 (P)	91,077	3.3

E - Estimate
P - Projection

Source: API Capacity Survey,
December, 1989

FIBROUS MATERIALS

U.S. production of chemical paper grade market wood pulp exceeded shipments in November 1989, as it had in every previous month of the year with the exceptions of March and June. The November production level was 453,000 short tons, down from the highs posted in the summer months, but the year-to-date production held 2.2% ahead of its year-ago volume. The capacity-utilization rate in November -- at 87% -- marked a monthly low for the year, although the 11-month 1989 average held at 96%, which equalled its year-ago rate.

Inventories of these grades of wood pulp in the hands of producers, which had been building gradually since mid-year, leaped to 25 days of supply as of the end of November, as opposed to a modest 17 days of supply one year earlier. Pulp consumers, on the other hand, trimmed their inventories to 551,000 short tons as of October 31, bringing them to the lowest level since mid-1988.

Consumption of wood pulp plus waste paper at paper and paperboard mills registered an all-time high of nearly 7 million tons in October 1989, reflecting the relatively strong demand for paper and paperboard evident in that month.

CAPITAL EXPENDITURES

A recently-released report by the U.S. Bureau of the Census confirmed the strength it had been reporting in expenditures on new plant and equipment by paper companies during 1989. Their latest figures showed such expenditures at $15.45 billion, up 36.0% from the $11.36 billion spent in 1988. This gain, by far the largest shown for any of the other manufacturing industry groups, is to be followed by another large increase -- to $17.9 billion -- in 1990, according to this same report. While capital is invested for many purposes other than capacity expansion, these record high rates are reflected in the expected gains in capacity to produce paper, paperboard and wood pulp as reported by the API in its recently released Capacity Survey.

PAPER CAPACITY EXPANSION PLANS

U.S. capacity to produce paper and paperboard is slated to increase at an average annual rate of 3.4% in the 1990-92 period, according to the American Paper Institute's 32nd annual Capacity Survey. (See table on page 10.) That anticipated growth pace is an acceleration relative to the 1987-89 period, when paper and paperboard capacity expanded at an average annual rate of 2.9%.

The Capacity Survey indicates that consumption of waste paper will increase nearly twice as rapidly as wood pulp consumption between 1988 and 1992. Specifically, the industry's wood pulp

consumption is projected to grow 2.9% a year in that period, compared to the 5.9% a year growth rate expected in consumption of waste paper. In 1992, secondary materials (waste paper plus wood residues) will comprise 56.1% of the industry's total fiber consumption, as compared with 55.1% in 1988.

Paper and paperboard capacity trended up at an average annual rate of 2.5% in the 1980-89 period, which was nearly in line with the rate of increase recorded by paper and paperboard production during the 1980's. With production for last year at an estimated 76.6 million tons, the U.S. paper industry operated at about 93% of capacity in 1989. Although the 1989 operating rate was down from 95.1% in 1987 and 94.9% in 1988, it still exceeded the average operating rate for the 1980-89 period by nearly a percentage point.

Paper capacity is projected to expand 3.3% a year in the 1990-92 period, which compares with 2.9% average annual growth during the past ten years. Total paper production increased at a 2.6% average annual rate from 1980 through 1989. The paper sector of the industry operated at approximately 92.5% of capacity in 1989, versus 94.4% in 1987 and 95.2% in 1988. Operating rates for paper capacity averaged 92.2% during the 1980-89 period.

Total paperboard capacity is projected to expand at an average annual rate of 3.4% during the next three years to a 1992 level of 45.5 million tons. That anticipated rate of expansion is well above the 2.1% average annual growth registered during 1980-89. Operating rates for paperboard capacity eased from 95.7% in 1987 to 94.5% in 1988 and 93.3% in 1989, compared to an average of 91.6% of capacity during the ten year period from 1980 through 1989. The anticipated average annual growth rates (1990-92) for the major paperboard grades are as follows: unbleached kraft, 3.7%; solid bleached, 3.3%; semichemical, 1.7%; and recycled, 4.0%.

The Capacity Survey also points out that total capacity to produce paper and paperboard will increase by 8.6 million tons in the 1990-1992 period. These capacity plans will maintain the U.S. industry's share of world paper and paperboard capacity at the 30% it now holds, reflecting the long-term intentions of the U.S. pulp, paper and paperboard producers to remain world-class participants in both domestic and global paper markets.

Copies of the Capacity Survey have been sent to API member companies. Copies are available to non-members for $325 each, domestically, and $350 overseas, from Capacity Department, Box CMS, American Paper Institute, 260 Madison Avenue, New York, N.Y. 10016.

INDUSTRY FACT SHEET
MONTHLY STATISTICAL SUMMARY INSERT
VOL. 67, NO. 12
DECEMBER, 1989

AMERICAN PAPER INSTITUTE, INC.
260 Madison Avenue
New York, New York 10016

PRODUCTION (000 TONS)

	(P) NOVEMBER 1989	OCTOBER 1989	NOVEMBER 1988	FIRST 11 MONTHS 1989	FIRST 11 MONTHS 1988	% CHANGE YR TO DATE 1989/1988
PAPER GRADES						
Newsprint	516	526	493	5,556	5,471	1.6
Printing & Writing	1,825	1,917	1,786	19,818	20,033	-1.1
Uncoated Groundwood (s)	152	167	132	1,630	1,497	8.9
Coated Paper (s)	615	653	605	6,608	6,786	-2.6
Uncoated Free Sheet Paper (s)	942	968	918	10,191	10,346	-1.5
Thin Paper (s)	16	15	20	177	199	-11.0
Cotton Fiber Paper (s)	12	14	13	145	152	-4.6
Bleached Bristols (s)	89	100	98	1,066	1,052	1.3
Tissue Paper	474	489	445	5,176	5,026	3.0
Total Pkg & Other Paper	435	438	425	4,531	4,630	-2.2
Unbl. Kraft Paper (s)	241	239	230	2,465	2,560	-3.7
Other Paper	195	199	195	2,065	2,070	-0.2
TOTAL PAPER	3,250	3,369	3,149	35,080	35,160	-0.2
PAPERBOARD GRADES						
Unbleached Kraft Paperboard	1,585	1,624	1,495	17,936	17,518	2.4
Unbleached Kraft Linerboard	1,492	1,517	1,396	16,735	16,381	2.2
Other Unbl. Kraft Paperboard	93	107	100	1,201	1,137	5.6
Semichemical Paperboard	447	475	482	5,196	5,180	0.3
Bleached Paperboard	374	378	366	4,160	4,130	0.7
Recycled Paperboard	715	761	721	7,959	8,122	-2.0
TOTAL PAPERBOARD	3,121	3,238	3,064	35,351	34,949	0.9
TOTAL PAPER AND PAPERBOARD	6,370	6,607	6,214	70,332	70,110	0.3

WOOD PULP (ALL GRADES)	OCTOBER 1989	SEPTEMBER 1989	OCTOBER 1988	FIRST 10 MONTHS 1989	FIRST 10 MONTHS 1988	% Change 89/88
Dissolving & Special Alpha	109	128	99	1,177	1,128	4.3
Bleached Sulfite)	132	144	137	1,322	1,291	2.5
Unbleached Sulfite)						
Bleached & Semi-Bl. Sulfate	2,283	2,166	2,155	22,717	21,811	4.2
Unbleached Sulfate	1,862	1,760	1,808	18,150	18,082	0.4
Semichemical	379	361	373	3,662	3,625	1.0
Groundwood & Thermomechanical	530	505	513	5,004	4,969	0.7
TOTAL PULP DIVISION DATA	5,295	5,063	5,084	52,033	50,906	2.2

(s) - Shipments
P - Preliminary

December 31, 1989

	Full Year		INDUSTRY DATA 1988 - 1989			Ann. Rate Year - To - Date	% From Same Pd. Last Year
				R	P		
PAPER AND PAPERBOARD -- Tons (000)	1987	1988	September	October	November	1989	
Total Production (API).....: excluding :...	74,317	76,403	6,270	6,607	6,370	76,725	0.3
Total Seasonally Adjusted....:construction:...			6,284	6,486	6,505	76,702	0.3
Imports (Including Products).: and wet :..E	12,528	12,788	1,061	1,168	1,051	12,933	0.8
Exports (Including Products).: machine :..E	5,197	5,559	525	554	519	6,323	14.3
Apparent Consumption.....: grades :...	81,648 a	83,631 b	6,820	7,099	7,037	83,336 c	-0.5
Paper Production % Tonnage Capacity.....	94.4 g	95.2	93.2	95.2	94.3	92.9	-
Paperboard Production % Tonnage Capacity.....	95.7 g	94.5	91.2	92.4	91.3	93.7	-
			August	September	October		
IMPORTS.....:Including Construction and :...	12,837	13,110	1,227	1,074	1,183	13,165	-0.1
EXPORTS.....: WMB Grades (excl. NSP) :...	5,304	5,691	563	528	558	6,370	12.0
MARKET WOOD PULP PRODUCTION - Tons (000).....	8,114	8,565	757	712	682	8,790	3.3
TOTAL WOOD PULP PRODUCTION - Tons (000).....	59,552	61,161	5,301	5,063	5,295	62,440	2.2
WOOD PULP IMPORTS - TONS (000).....	4,850	5,038	471	428	442	5,063	0.5
WOOD PULP EXPORTS - TONS (000).....	4,889	5,528	534	548	502	6,360	16.8
RAW MATERIALS CONSUMPTION - Tons (000)			August	September	October		
..PAPER AND BOARD MILLS : excluding :							
Wood Pulp.....:consumption for:.....	59,475	60,847	5,239	4,997	5,311	61,635	1.3
Waste Paper.....:construction & :.....	17,993	18,860	1,652	1,592	1,678	19,154	1.3
TOTAL.....: WMB grades :.....	77,468	79,707	6,891	6,590	6,989	80,789	1.3
PULPWOOD CONSUMPTION Cords(000)Amer.Pulpwd. Assn	93,946	95,497	8,498	8,167	8,331	98,890	3.8
EMPLOYMENT (000)			September	October	November		
Paper and Allied Products.....Total.....	680.1	692.6	698.6	698.2	698.5	697.1	0.7
Pulp, Paper and Board Mills.....Total.....E	244.9	245.5	247.3	246.1	246.6	247.1	0.6
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS ($)			September	October	November		
Paper and Allied Products.....	11.43	11.66	11.99	11.97	12.07	11.91	2.3
Pulp, Paper Mills.....E	14.01	14.31	14.81	14.86	14.96	14.68	2.8
Paperboard Mills.....E	14.30	14.49	14.96	14.93	15.12	14.72	1.7
CAPITAL EXPENDITURES, PAPER & ALLIED PRODUCTS			1989 Q2	1989 Q3	1989 Q4		
(Rept. by US Dept. of Com., Ann. Rates, Bill.$)*	9.01	11.36	14.87	15.82	16.71	15.45 Y	36.0
INDEX OF OUTPUT PER MAN-HOUR (1977=100).....			September	October	November		
:IN PULP, PAPER :...Production Workers.....	145.0	148.7	145.7	150.9	150.9	149.8	0.6
:AND BOARD MILLS:...All Employees.....	141.8	146.1	142.6	147.2	147.1	146.2	0.0
PAPER AND ALLIED PRODUCTS (Million $)			August	September	October		
Industry Shipments (Dept. of Commerce)*.....	118,855	127,718	10,885	10,857	10,940	130,676	2.7
Pulp, Paper and Paperboard*.....	54,518	57,177	4,792	4,774	4,738	58,147	2.0
Inventories (End of Period) - Total Industry*..	11,284	12,065	12,572	12,597	12,643	12,643	6.8
Pulp, Paper and Paperboard*.....	4,266	4,325	4,874	4,923	5,014	5,014	19.5
			1989 Q1	1989 Q2	1989 Q3		
Sales (Corporations Only).....	95,576	107,221 RS	27,281	28,534	28,090	111,873	4.6
Earnings (Corporations Only).....	5,520	8,081 RS	1,979	2,022	1,850	7,801	-5.2
Depreciation (Corporations Only).....	4,279	4,625 RS	1,187	1,231	1,247	4,887	6.0
Net Worth (Corporations Only).....	39,217	42,940 RS	44,093	45,242	46,513	46,513	8.3
PRICE INDEXES (Bureau of Labor Stats)1982=100			September	October	November		
Pulp, Paper & Products, ex. Building Grades....	114.3	124.7	132.9	133.6	133.6	132.4	6.4
Wood Pulp.....	111.6	136.7	159.5	160.8	160.6	157.2	15.7
Waste Paper.....	181.4	183.5	160.1	158.3	152.5	157.6	-15.2
Paper.....	111.5	123.2	129.1	128.6	128.2	129.8	5.7
Paperboard.....	118.1	133.2	140.3	140.0	139.7	140.2	5.5
			September	October	November		
PAPER DEMAND (INDEXED: 1977=100)							
Total Paper Production *.....	133.4	138.2	136.5	142.4	143.1	138.0	-0.2
Paper New Supply *.....	140.2	144.3	140.1	149.2	145.3	142.2	-1.6
Demand Indicators - (Weighted Average) *.....	154.5	163.7	177.1	177.4	177.6	174.9	7.1
Production of Nondurable Goods *...(21.2%).	136.8	143.9	151.2	152.0	151.7	150.1	4.6
Disposable Income .....*.(23.9%)	130.0	134.9	141.3	141.5	142.3	140.5	4.3
Total Printing and Publishing *...(54.9%).	172.0	183.8	202.7	202.8	203.0	199.5	8.8
Trend Factor	----------	----------	----------	Not Available	----------	----------	----------
PAPERBOARD DEMAND (INDEXED: 1977=100)							
Total Paperboard Production *.....	129.2	131.6	129.8	132.5	132.7	132.9	0.8
Production for Domestic Use	126.1	129.0	128.2	128.9	129.5	130.1	0.7
Demand Indicators - (Weighted Average) *.....	125.9	132.5	137.1	137.1	137.0	137.0	3.6
Production of Consumer Goods *...(62.06%)	127.7	133.9	138.9	139.5	139.2	139.1	4.2
Production of Equipment *...(5.75%)	148.8	158.2	165.9	161.1	163.1	164.0	3.8
Production of Materials *...(32.19%)	118.3	125.3	128.5	128.2	128.0	128.0	2.4
Trend Factor	----------	----------	----------	Not Available	----------	----------	----------
			August	September	October		
NEWSPRINT MARKETS							
Consumption by Publishers - Tons (000).....	13,583	13,597	1,105	1,139	1,215	13,400	-0.7
Newspaper Pub. and Printing Empl. Total(000)...	471	475	477	476	478	477	0.5
PRINTING AND FINE PAPER MARKETS							
MAGAZINE ADVERTISING PAGES (PIB, Inc.).....	164,771	171,845	11,116	17,021	18,565	173,336	3.5
WHOLESALERS SALES AND INVENTORIES (Million $)							
Total Paper & Pap. Prdcts.,ex Wallpaper..Sales	44,741	52,377	5,116	4,797	5,157	56,484	8.5
Inventories (End of Period).	3,850	4,436	4,477	4,467	4,541	4,541	3.2
			September	October	November		
FIBRE BOX DATA (Fibre Box Association)							
Fibre Box Shipments (Million square feet).....	297,827	308,507	25,367	28,965	25,183	315,331	1.4
Container'bd Inventory at Mill & Plant(000Tons).	2,486	3,553	2,643	2,451	2,453	2,453	-1.3
RETAIL TRADE (Billion $)			September	October	November		
Total Retail Sales *.....	1,511	1,612	145.3	143.4	144.6	1,710	6.4
Nondurable Goods Stores Sales *.....	950	998	89.4	89.2	90.0	1,058	6.3
GENERAL ECONOMIC DATA			September	October	November		
TOTAL INDUSTRIAL PRODUCTION (INDEX 1977 = 100)*..	129.8	137.2	142.1	141.3	141.5	141.5	3.4
PRODUCER PRICES(ALL COMMODITIES)(INDEX 1982=100).	102.8	106.9	112.3	112.7	112.7	112.2	5.1
CONSUMER PRICES (ALL ITEMS) (INDEX 1982-4=100)...	113.6	118.3	125.0	125.6	125.9	123.8	4.8
			August	September	October		
TOTAL CONSUMER CREDIT OUTSTANDING - (Billion $)..	618.2	671.4	706.1	709.6	711.4	711.4	8.9
GROSS NATIONAL PRODUCT - ANNUAL RATE (Billion$)..			1989 Q1	1989 Q2	1989 Q3		
G.N.P. or Expenditure - Current $.....	4,524	4,881	5,017	5,113	5,202	5,498	7.5
G.N.P. or Expenditure - 1982 $.....	3,854	4,024	4,069	4,107	4,133	4,133	3.1

lb/capita
Pap&Papbd Othr Totl Popul(mil)
.a - 669 + 17 = 686 243.9
.b - 679 + 17 = 696 246.3
.c - 670 + 17 = 687 248.8
.E - Last month estimated by API

f - Wood Pulp Production excludes def., explo. & scrngs.
g - Adjusted for holiday shutdowns
h - First 3 quarters, annual rate
Q - Quarter

R - Revised
Y - Full year estim. by U.S. Dept. of Com.
RS - Revised Series
* - Seasonally Adjusted.